Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095082.D
Acq On : 11 May 2017 16:21
Operator : SJ/MA
Sample : I3052-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1-20170508

Quant Time: May 11 17:37:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:33:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	93353	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	400402	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	186558	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	371227	20.00	ng	0.00
75) Chrysene-d12	18.63	240	288665	20.00	ng	0.00
86) Perylene-d12	20.30	264	226935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	403655	72.09	ng	0.00
7) Phenol-d6	7.25	99	280310	41.72	ng	0.00
23) Nitrobenzene-d5	8.61	82	627093	98.76	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	240775	157.59	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1220160	94.14	ng	0.00
78) Terphenyl-d14	17.29	244	1061524	81.00	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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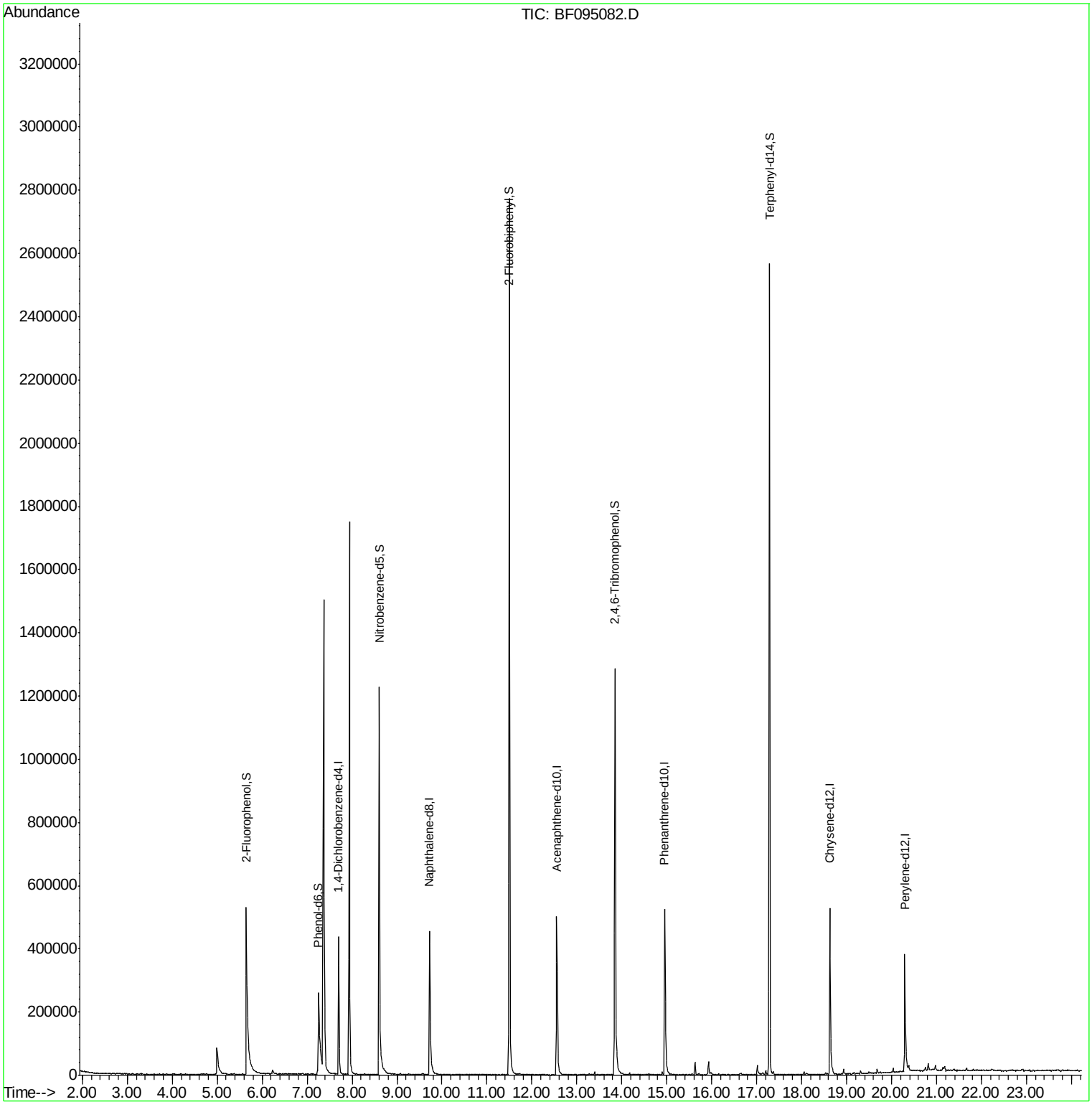
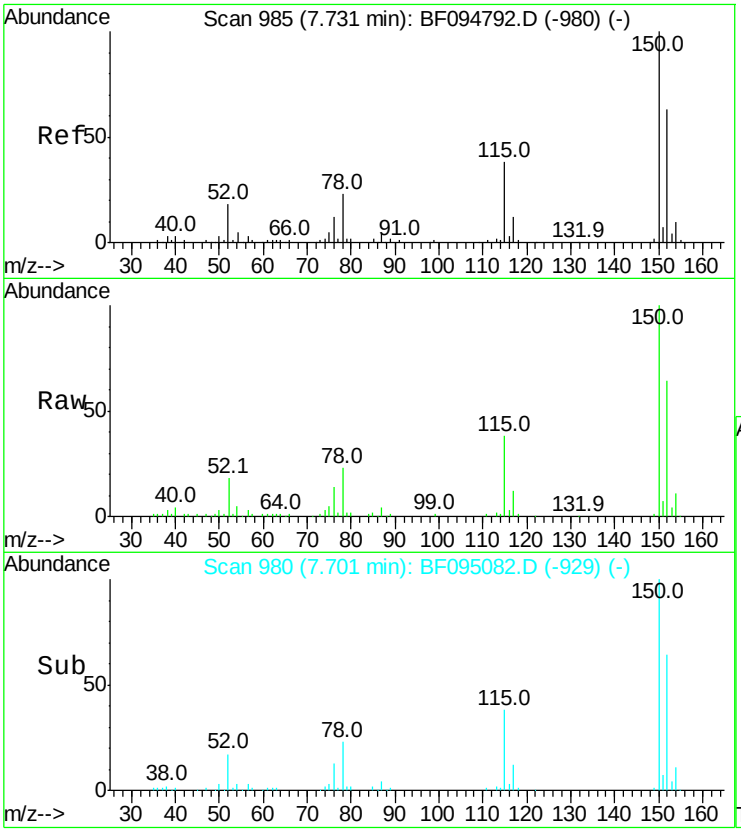


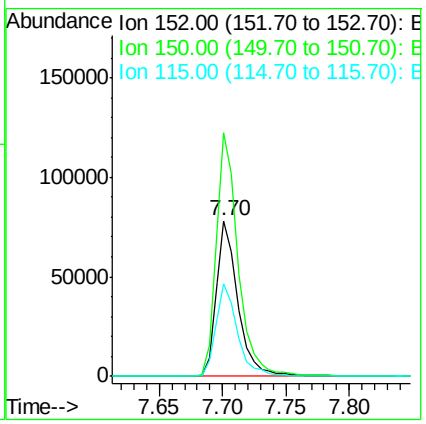


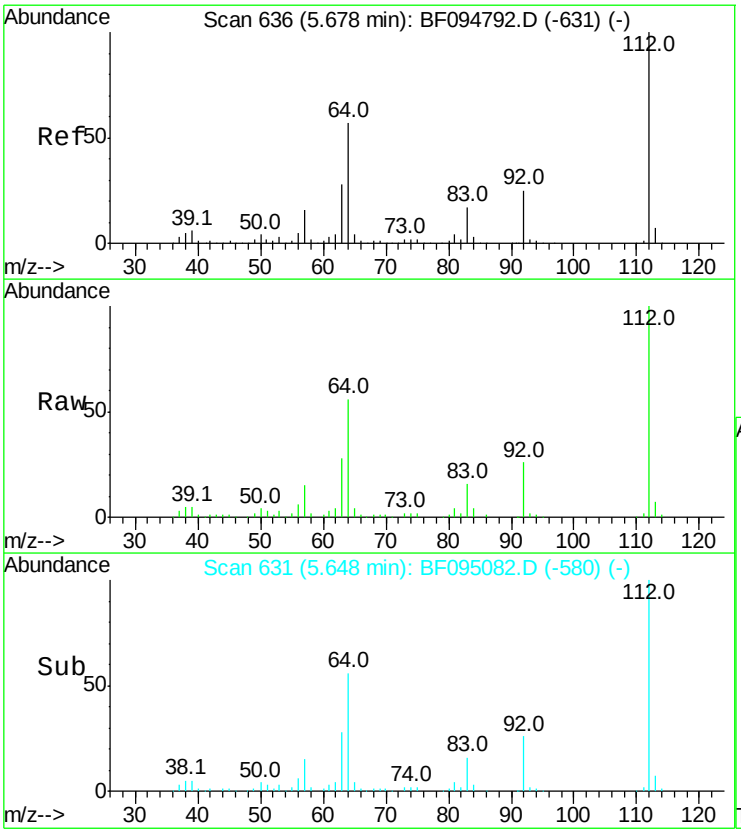
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :
MW-1-20170508

Tgt Ion:152 Resp: 93353

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	59.2	52.2	78.2

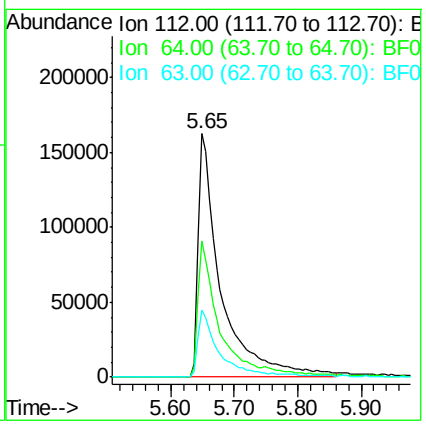


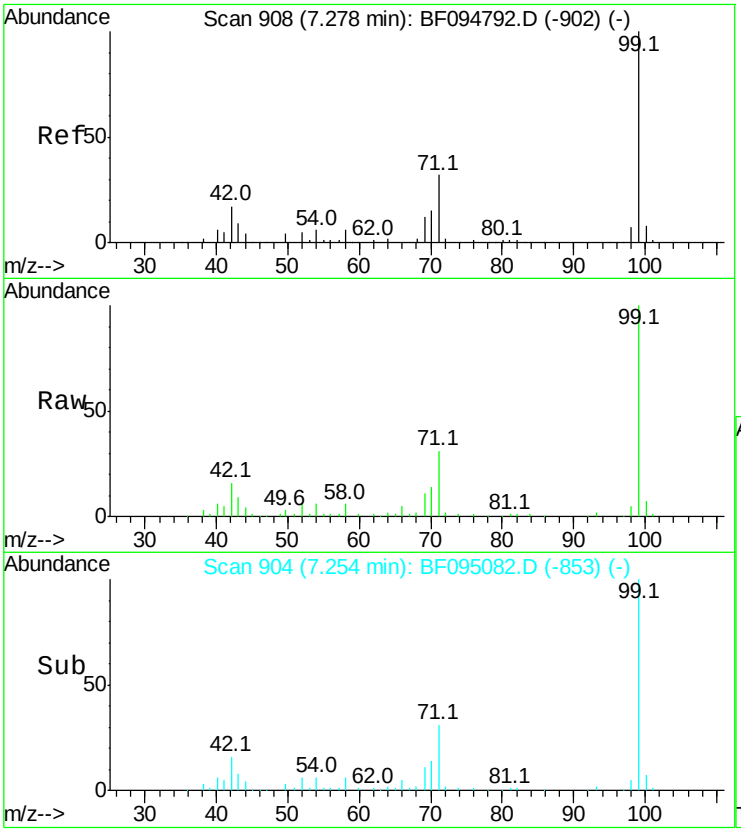


#5
2-Fluorophenol
Concen: 72.09 ng
RT: 5.65 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Tgt Ion:112 Resp: 403655

Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	27.5	23.4	35.0



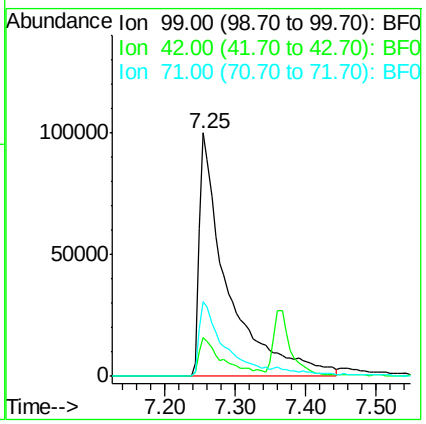


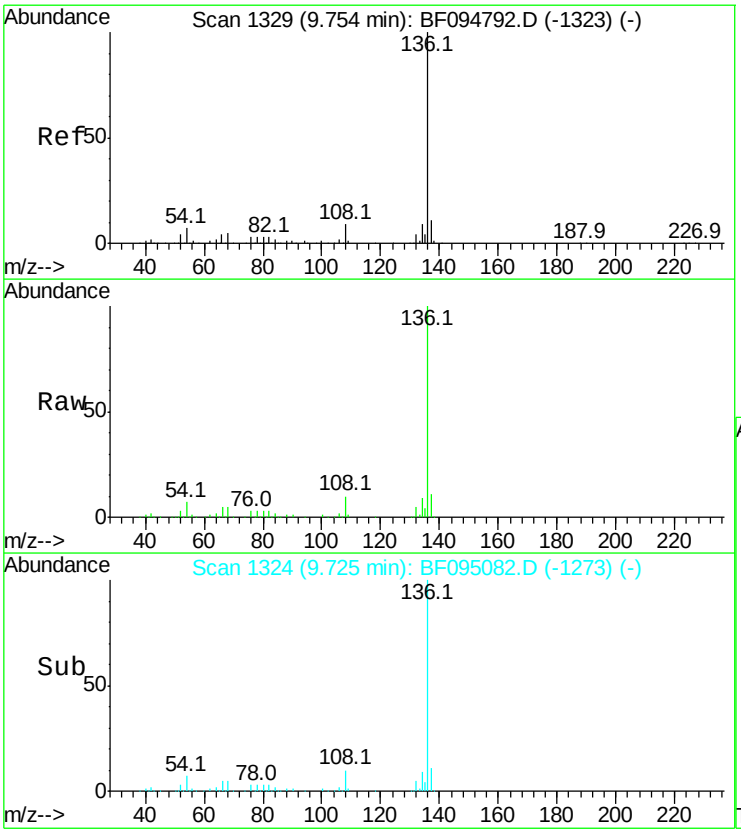
#7
Phenol-d6
Concen: 41.72 ng
RT: 7.25 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :
MW-1-20170508

Tgt Ion: 99 Resp: 280310

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	30.7	24.5	36.7

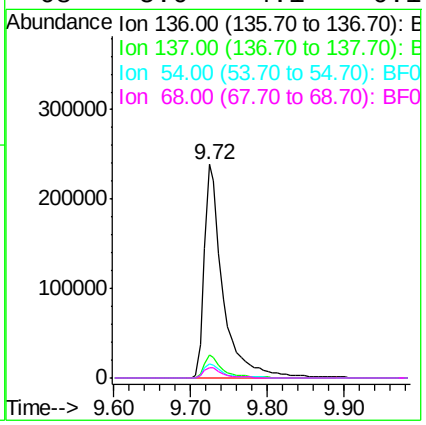


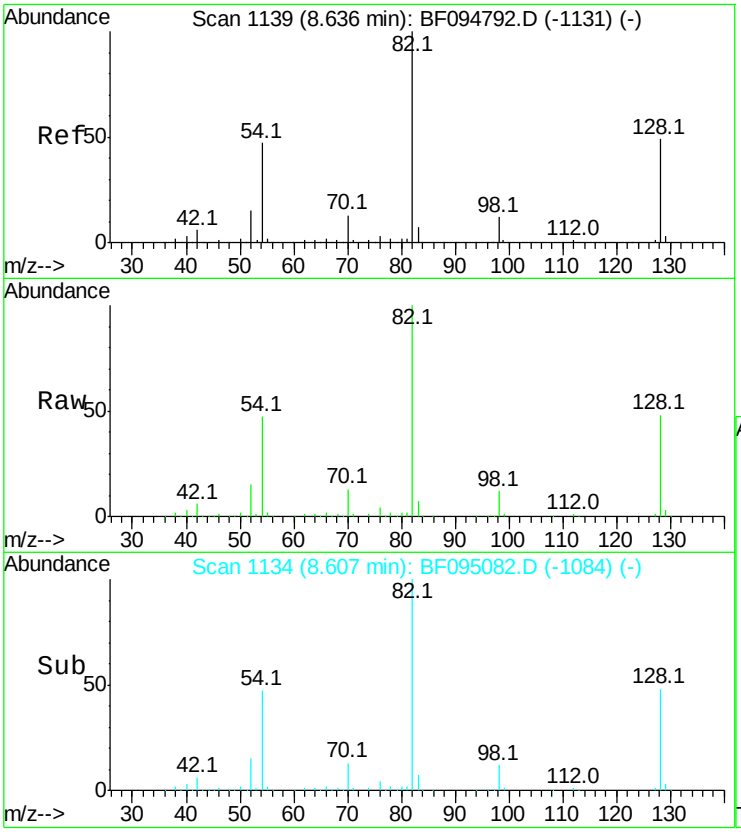


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Tgt Ion:136 Resp: 400402

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.6	4.9	7.3
68	5.0	4.1	6.1



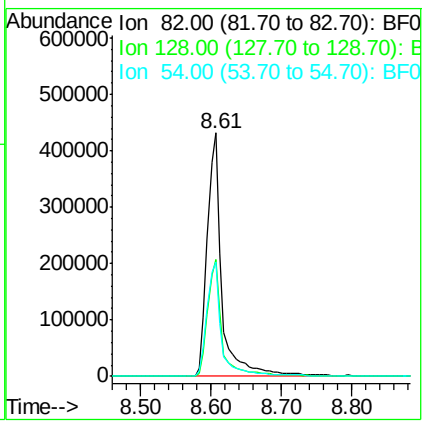


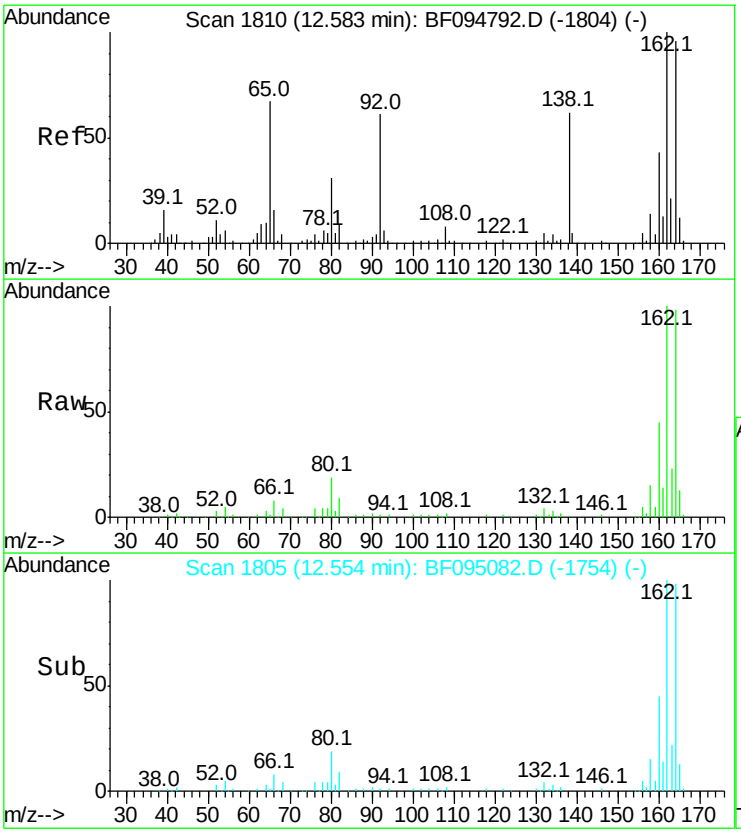
#23
Nitrobenzene-d5
Concen: 98.76 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :
MW-1-20170508

Tgt Ion: 82 Resp: 627093

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	47.2	42.2	63.2

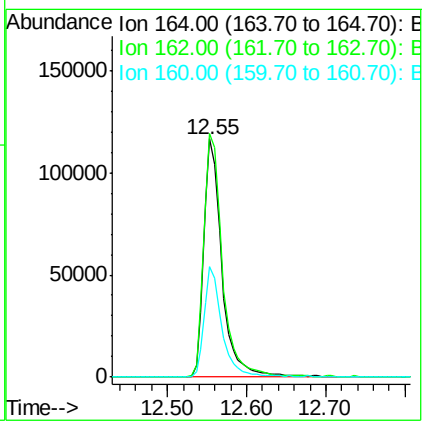


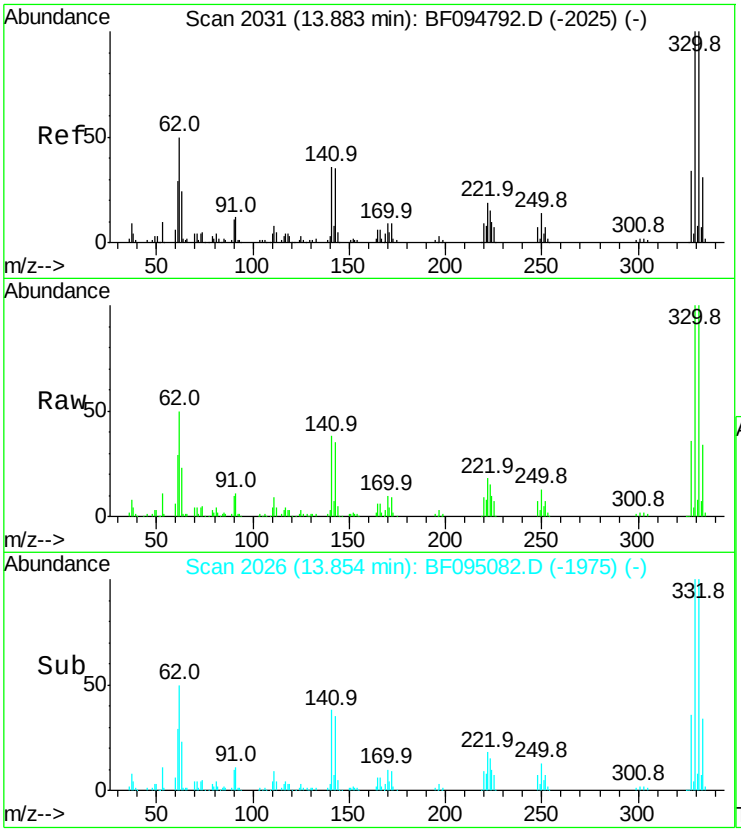


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Tgt Ion:164 Resp: 186558

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	46.4	36.2	54.2



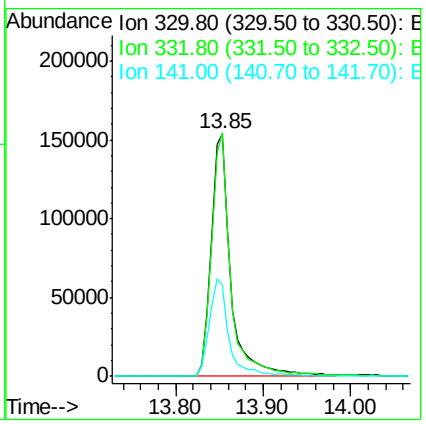


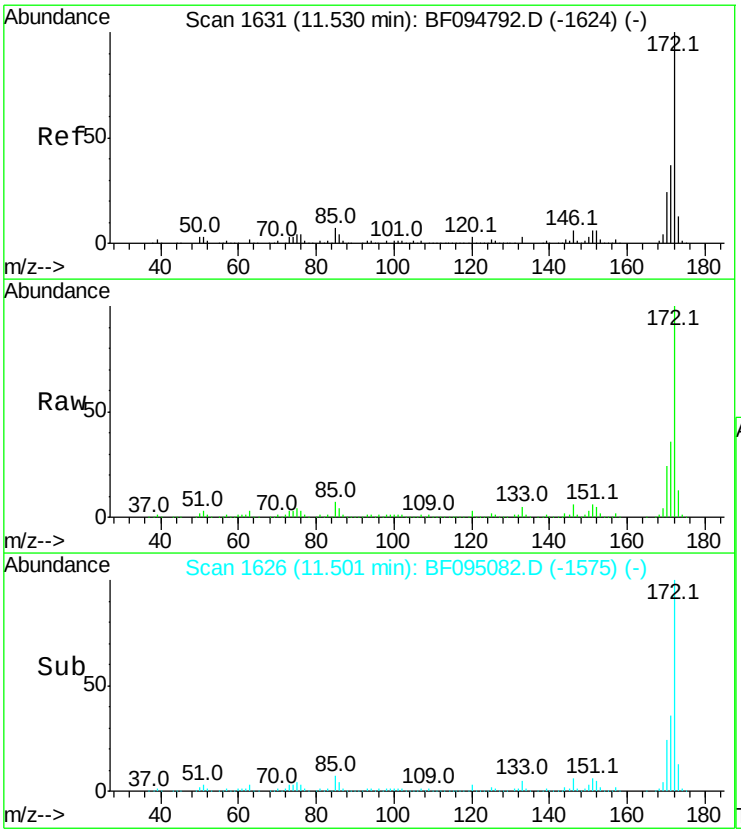
#41
2,4,6-Tribromophenol
Concen: 157.59 ng
RT: 13.85 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :
MW-1-20170508

Tgt Ion:330 Resp: 240775

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	40.5	31.4	47.2

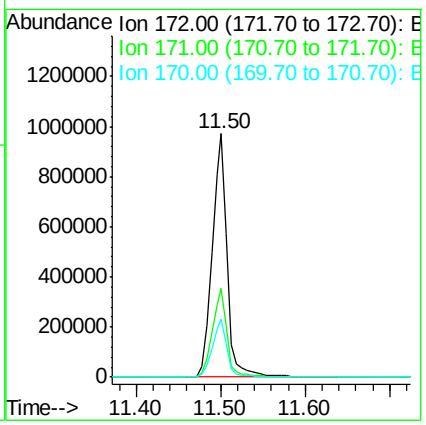


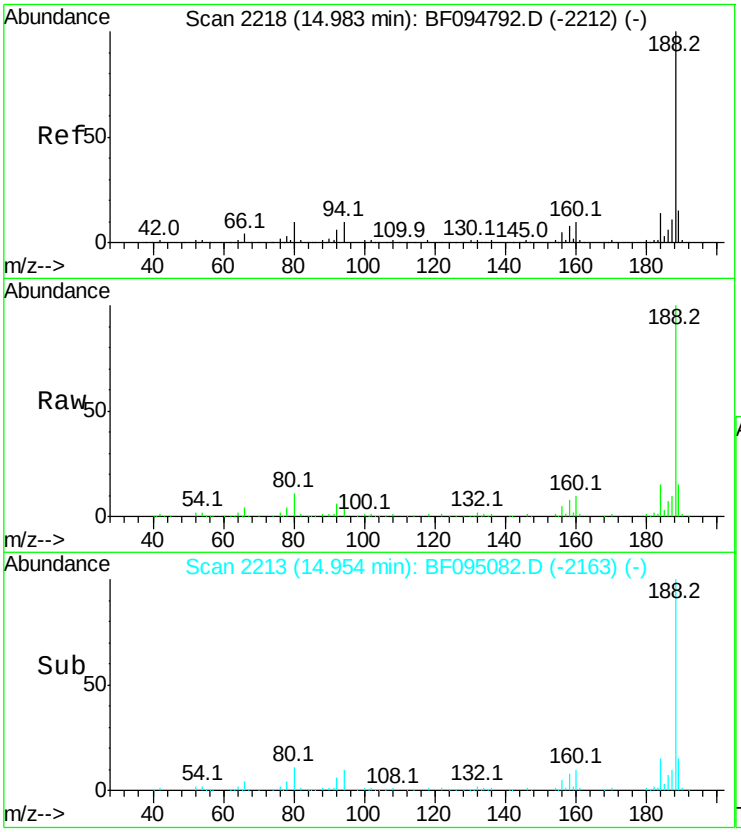


#44
2-Fluorobiphenyl
Concen: 94.14 ng
RT: 11.50 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Tgt Ion:172 Resp: 1220160

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



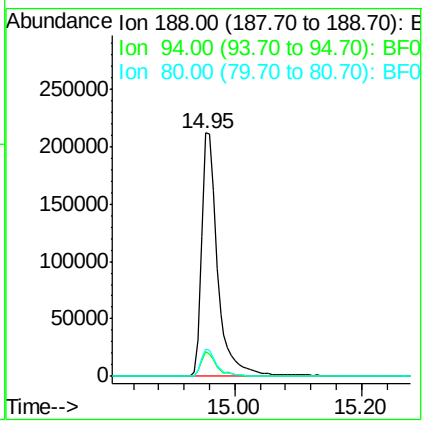


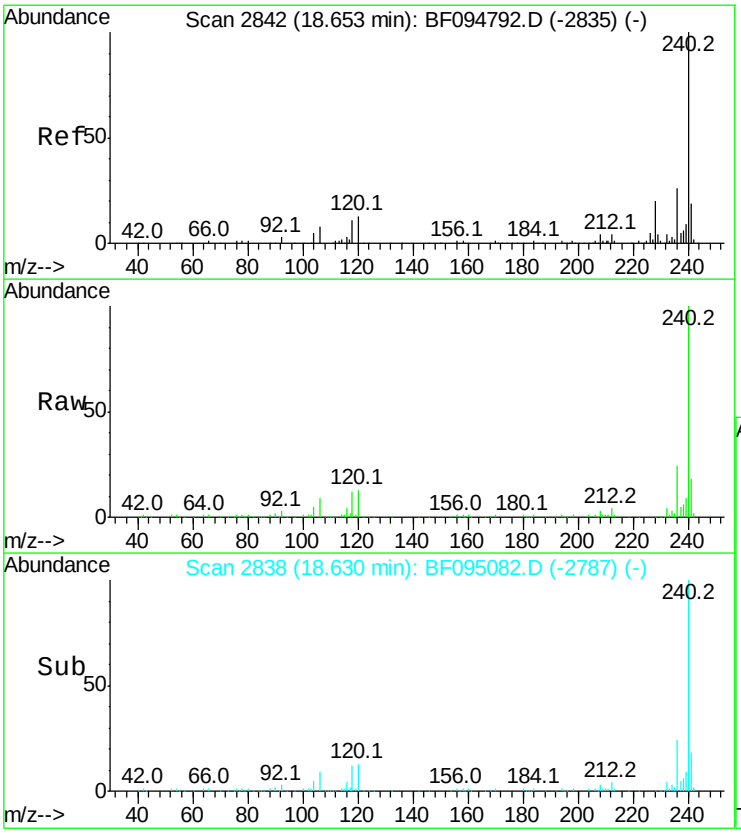
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :
MW-1-20170508

Tgt Ion:188 Resp: 371227

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2

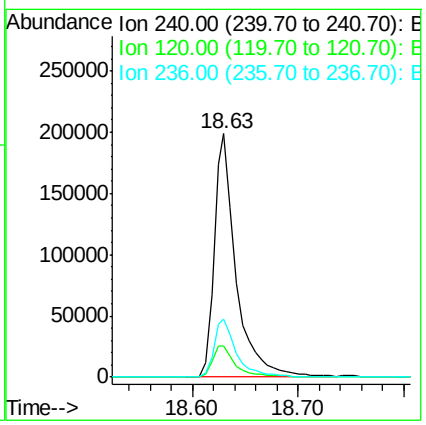


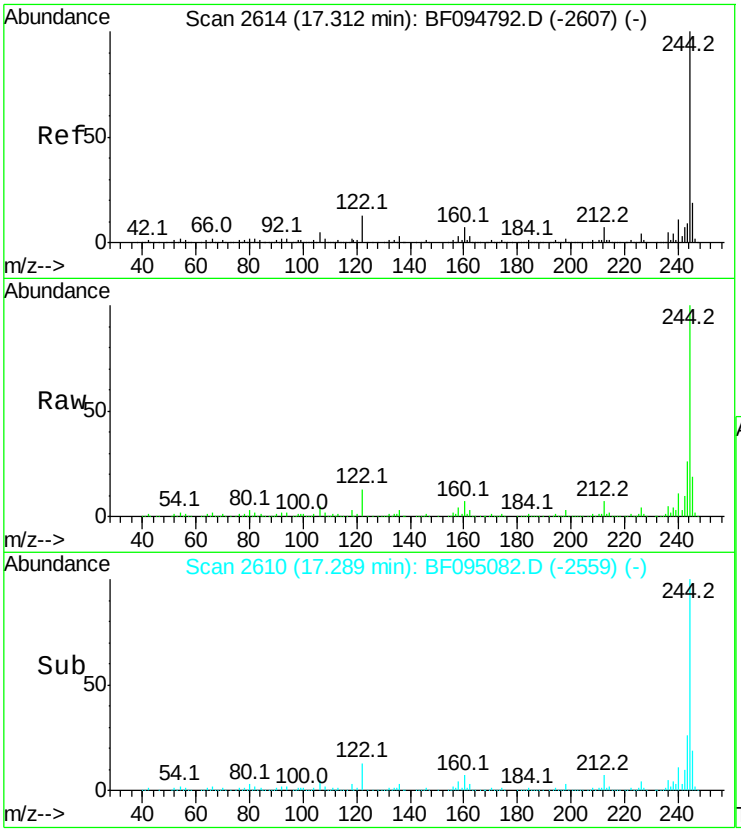


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Tgt Ion:240 Resp: 288665

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	24.0	20.5	30.7



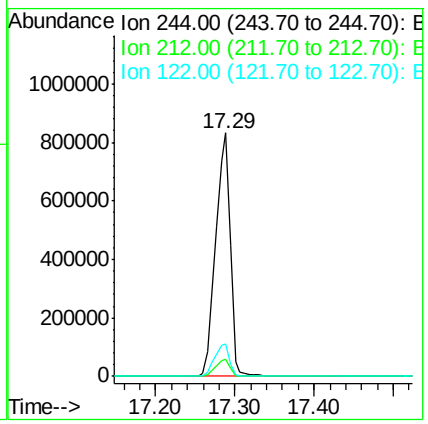


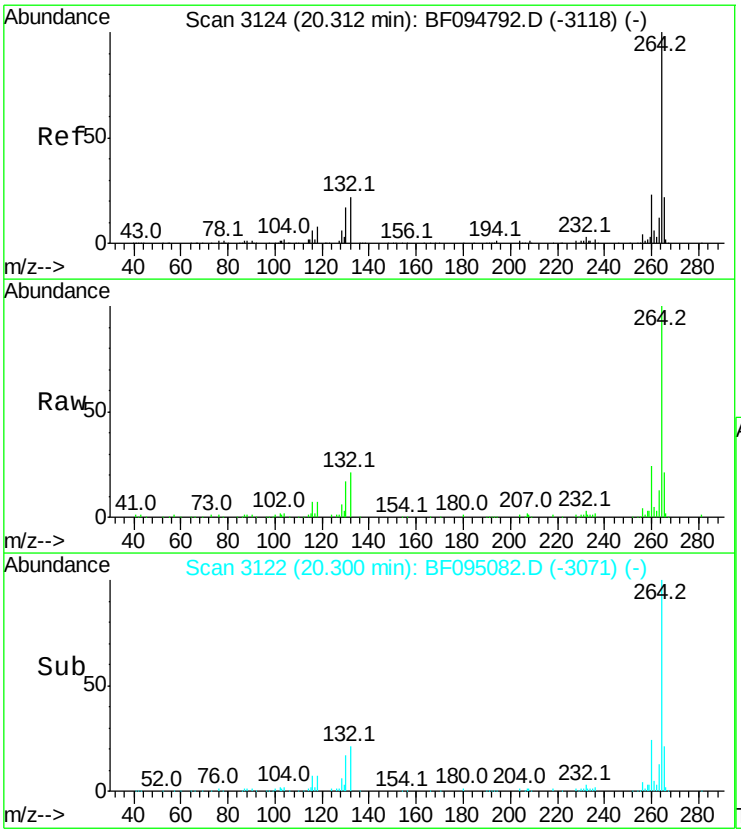
#78
Terphenyl-d14
Concen: 81.00 ng
RT: 17.29 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Instrument :
BNA_F
ClientSampleId :
MW-1-20170508

Tgt Ion:244 Resp: 1061524

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095082.D
Acq: 11 May 2017 16:21

Tgt Ion:264 Resp: 226935

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8